

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"5986135".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:20
L3	2	"6242451".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:20
L4	2	"4567263".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:20
L5	2	"20040097522"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:21
L6	3	"20020198222"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:22
L8	3	6-(2-halogenphenyl)-TRIAZOLOPYRIMIDINE	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 13:32
L9	198	514/259.31.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 13:33

EAST Search History

L10	1	I9 I8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 13:33
L11	119	I9 triazolopyrimidine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 13:33
L12	61	I9 aryl triazolopyrimidine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 13:33

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NEWS	2	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS	3	MAR 16	CASREACT coverage extended
NEWS	4	MAR 20	MARPAT now updated daily
NEWS	5	MAR 22	LWPI reloaded
NEWS	6	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS	7	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS	8	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS	9	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS	10	APR 30	CA/CAPLUS enhanced with 1870-1889 U.S. patent records
NEWS	11	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS	12	MAY 01	New CAS web site launched
NEWS	13	MAY 08	CA/CAPLUS Indian patent publication number format defined
NEWS	14	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	15	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	16	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	17	MAY 21	CA/CAPLUS enhanced with additional kind codes for German patents
NEWS	18	MAY 22	CA/CAPLUS enhanced with IPC reclassification in Japanese patents
NEWS	19	JUN 27	CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers
NEWS	20	JUN 29	STN Viewer now available
NEWS	21	JUN 29	STN Express, Version 8.2, now available
NEWS	22	JUL 02	LEMBASE coverage updated
NEWS	23	JUL 02	LMEDLINE coverage updated
NEWS	24	JUL 02	SCISEARCH enhanced with complete author names
NEWS	25	JUL 02	CHEMCATS accession numbers revised
NEWS	26	JUL 02	CA/CAPLUS enhanced with utility model patents from China
NEWS	27	JUL 16	CAPLUS enhanced with French and German abstracts
NEWS	28	JUL 18	CA/CAPLUS patent coverage enhanced
NEWS	29	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	30	JUL 30	USGENE now available on STN

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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NEWS IPC8	For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 16:15:25 ON 01 AUG 2007

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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STRUCTURE FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3

DICTIONARY FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

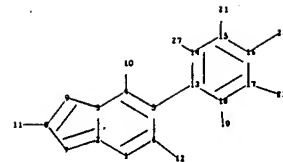
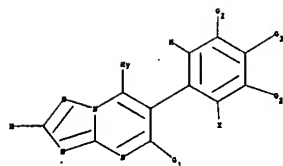
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10 series\10532719\10532719b.str



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chain nodes :
10 11 12 19 21 22 23 27
ring nodes :
1 2 3 4 5 6 7 8 9 13 14 15 16 17 18
chain bonds :
4-10 5-13 6-12 8-11 14-27 15-21 16-22 17-23 18-19
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 13-14 13-18 14-15 15-16 16-17
17-18
exact/norm bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 4-10 5-6 6-12 7-8 8-9 15-21 16-22 17-23
exact bonds :
5-13 8-11 14-27 18-19
normalized bonds :
13-14 13-18 14-15 15-16 16-17 17-18

```

G1:CN,X,Ak

G2:H,X,Ak

G3:H,X,Ak,NH,NH2,N

Match level :

```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
21:CLASS 22:CLASS 23:CLASS 27:CLASS

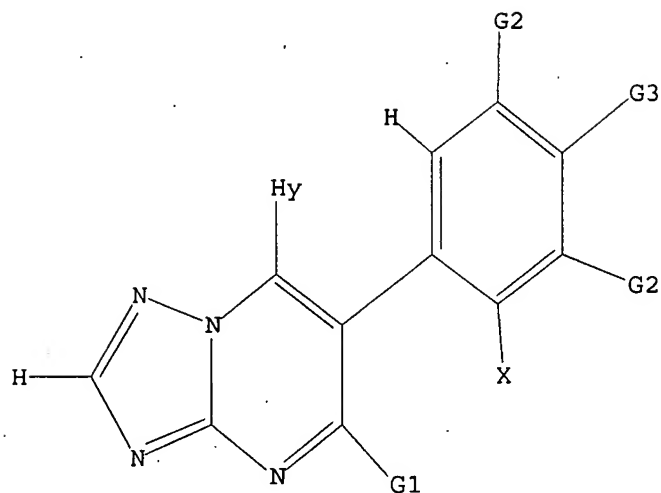
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L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 CN,X,Ak

G2 H,X,Ak

G3 H,X,Ak,NH,NH2,N

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 16:15:52 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 359 TO ITERATE

100.0% PROCESSED 359 ITERATIONS

SEARCH TIME: 00.00.01

11 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

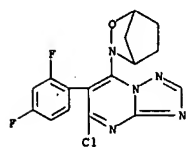
PROJECTED ITERATIONS: 6044 TO 8316

PROJECTED ANSWERS: 22 TO 418

L2 11 SEA SSS SAM L1

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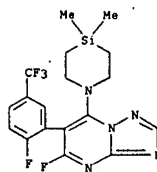
L2 11 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2,4-
 difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (9CI)
 MF C16 H12 Cl F2 N5 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 11 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN [1,2,4]triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-
 yl)-5-fluoro-6-[2-fluoro-5-(trifluoromethyl)phenyl]- (9CI)
 MF C18 H18 F5 N5 Si



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 sss full
FULL SEARCH INITIATED 16:16:26 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7298 TO ITERATE

100.0% PROCESSED 7298 ITERATIONS 229 ANSWERS
SEARCH TIME: 00.00.01

L3 229 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 172.55 172.76

FILE 'CAPLUS' ENTERED AT 16:16:31 ON 01 AUG 2007
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FILE LAST UPDATED: 31 Jul 2007 (20070731/ED)

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<http://www.cas.org/infopolicy.html>

=> s l3
L4 18 L3

=> d scan

L4 18 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
 IC ICM C07D487-04
 ICS A01N043-90
 CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))
 Section cross-reference(s): 5
 TI Preparation of alkenylaminotriazolopyrimidines as agrochemical fungicides.
 ST alkenylaminotriazolopyrimidine prepn agrochem fungicide;
 triazolopyrimidine alkenylamino prepn agrochem fungicide
 IT Fungicides
 (agrochem.; preparation of alkenylaminotriazolopyrimidines as agrochem.
 fungicides)
 IT 388060-24-0P 773148-94-0P 773148-95-1P 773148-96-2P 773148-97-3P
 773148-98-4P 773148-99-5P 773149-01-2P 773149-02-3P 773149-03-4P
 773149-04-5P 773149-05-6P 773149-06-7P 773149-07-8P
 773149-08-9P 773149-09-0P 773149-10-3P 773149-11-4P 773149-12-5P
 773149-13-6P 773149-14-7P 773149-15-8P 773149-16-9P 773149-18-1P
 773149-19-2P 773149-20-5P 773149-21-6P 773149-22-7P 773149-23-8P
 773149-24-9P 773149-25-0P 773149-26-1P 773149-27-2P 773149-28-3P
 773149-29-4P 773149-30-7P 773149-31-8P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of alkenylaminotriazolopyrimidines as agrochem. fungicides)
 IT 105-53-3, Diethyl malonate 34375-90-1, 3-Buten-2-amine 214707-02-5,
 5,7-Dichloro-6-[2,4,6-trifluorophenyl]-1,2,4-triazolo[1,5-a]pyrimidine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of alkenylaminotriazolopyrimidines as agrochem. fungicides)

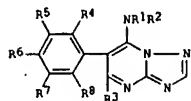
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d 14 1-18 ibib abs hitstr

L4 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN

ACCESSION NUMBER: 2006:1309488 CAPLUS
DOCUMENT NUMBER: 146:21722
TITLE: Triazolopyrimidine derivatives as fungicides for controlling rust diseases in legumes
INVENTOR(S): Gebauer, Olaf; Elbe, Hans-Ludwig; Greul, Joerg Nico; Guth, Oliver; Gayer, Herbert; Heinemann, Ulrich; Herrmann, Stefan; Dahmen, Peter; Wachendorff-Neumann, Ulrike; Watcholowsky, Ingo; Hadano, Hiroyuki
PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
SOURCE: PCT Int. Appl., 43pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006131223	A2	20061214	WO 2006-EP5073	20060526
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BV, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
DE 102005026577	A1	20061214	DE 2005-102005026577	20050608
PRIORITY APPL. INFO.:	DE 2005-102005026577A 20050608			
OTHER SOURCE(S):	MARPAT 146:21722			
GI				

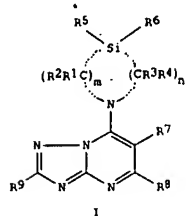


AB The triazolopyrimidine derivs. I (R1 = (halo)alkyl or alkenyl; R2 = H or alkyl; R3R4 = rings; R3 = (halo)alkyl, alkoxy, CN, Br or Cl; R4 = H, F, Cl Me or CF3) are fungicides for controlling rust diseases in legumes.
IT 916066-27-8
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (fungicide for controlling rust diseases in legumes)
RN 916066-27-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(tetrahydro-4-methyl-1(2H)-pyridazinyl)- (CA INDEX NAME)

L4 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN

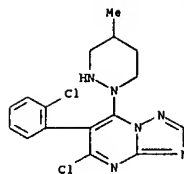
ACCESSION NUMBER: 2006:630914 CAPLUS
DOCUMENT NUMBER: 145:83529
TITLE: Preparation and fungicidal activity of silyl substituted novel triazolopyrimidine derivatives
INVENTOR(S): Wendeborn, Sebastian Volker; Lamberth, Clemens; Nebel, Kurt; Crowley, Patrick Jelf; Nussbaumer, Hannes
PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.; Syngenta Limited
SOURCE: PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006066872	A1	20060629	WO 2005-EP13708	20051220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BV, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPL. INFO.:	EP 2004-30440 A 20041222			
OTHER SOURCE(S):	CASREACT 145:83529; MARPAT 145:83529			
GI				



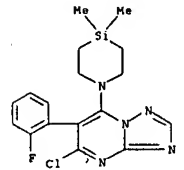
AB The present invention relates to novel triazolopyrimidine derivs., I (R1-R4 H, halo, Cl-6 alkyl, Cl-6 haloalkyl, Cl-6 alkoxy; a, n = 2-4; R1R2, R3R4 = (un)substituted ring, etc.; R5, R6 = Cl-6 alkyl, Cl-6 haloalkyl, Cl-6 cycloalkyl, Cl-6 alkenyl, Cl-6 alkynyl, Cl-6 alkoxy, OH, (un)substituted aryl, R5R6 = (un)substituted ring, etc.; R7 = (un)substituted aryl, heteroaryl; R8 = Cl-6 alkyl, halo, cyano, etc.; R9 =

L4 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)

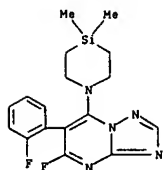


L4 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)

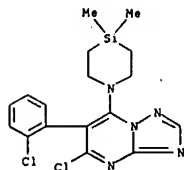
H, mercapto, Cl-3 alkylthio), as active ingredients which have microbicidal activity, in particular fungicidal activity. Thus, prepn. of 5-chloro-7-(4,4-dimethyl[1,4]azasilinan-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine was prepd. in several steps starting from dimethylvinylsilane. The agricultural fungicidal activity of the prepd. compds. are given.
IT 894425-04-8P 894425-06-0P 894425-08-2P
894425-10-6P 894425-20-8P 894425-22-0P
894425-24-2P 894425-26-4P 894425-28-6P
894425-30-0P 894425-36-6P 894425-38-8P
894425-40-2P 894425-42-4P 894425-44-6P
894425-46-8P 894425-52-6P 894425-54-8P
894425-56-0P 894425-58-2P 894425-60-6P
894425-62-8P 894425-72-0P 894425-74-2P
894425-76-4P 894425-78-6P 894425-80-0P
894425-82-2P 894425-84-4P 894425-86-6P
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894426-79-0P 894426-81-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation and agricultural fungicidal activity of silyl substituted triazolopyrimidine derivs.)
RN 894425-04-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



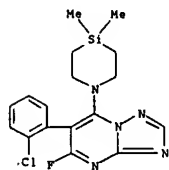
RN 894425-06-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



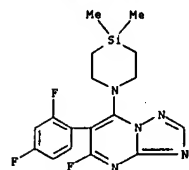
RN 894425-08-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



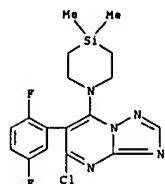
RN 894425-10-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



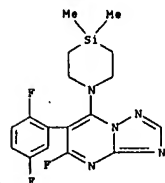
RN 894425-20-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,3-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



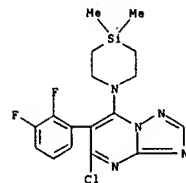
RN 894425-28-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



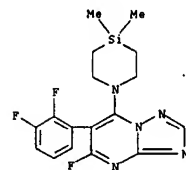
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CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



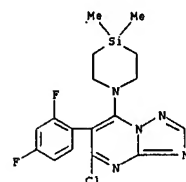
RN 894425-36-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,3-dichlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



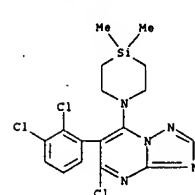
RN 894425-22-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,3-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



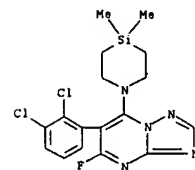
RN 894425-24-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



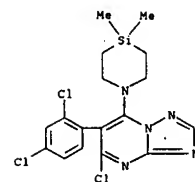
RN 894425-26-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,4-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



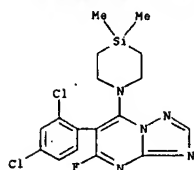
RN 894425-38-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,3-dichlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



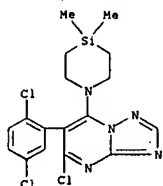
RN 894425-40-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



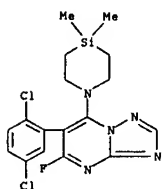
RN 894425-42-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,4-dichlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



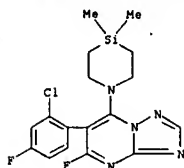
RN 894425-44-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



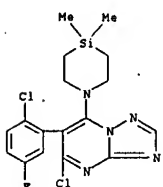
RN 894425-46-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-dichlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



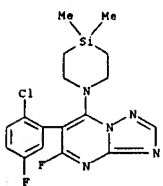
RN 894425-52-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



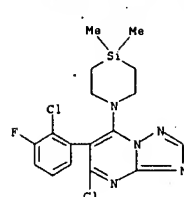
RN 894425-60-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



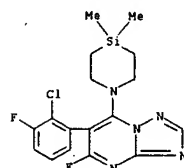
RN 894425-62-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-5-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



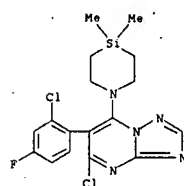
RN 894425-72-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



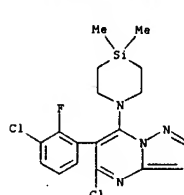
RN 894425-54-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-3-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



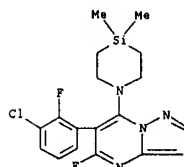
RN 894425-56-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



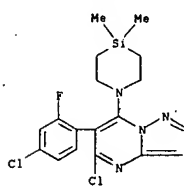
RN 894425-58-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-4-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



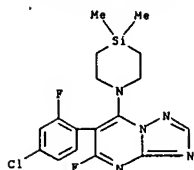
RN 894425-74-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(3-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



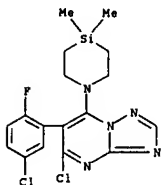
RN 894425-76-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



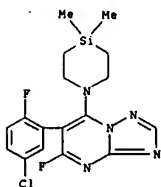
RN 894425-78-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(4-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



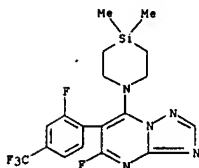
RN 894425-80-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(5-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



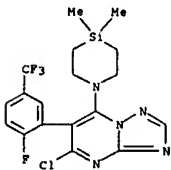
RN 894425-82-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(5-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



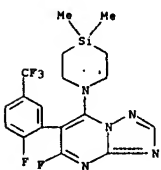
RN 894425-84-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-[2-fluoro-3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



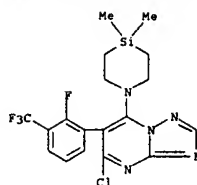
RN 894425-92-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-[2-fluoro-3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



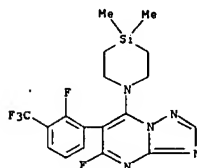
RN 894425-94-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[2-fluoro-5-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



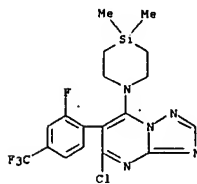
RN 894426-00-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-chloro-3-(trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



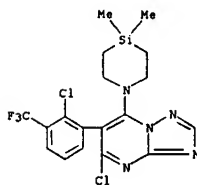
RN 894425-86-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[2-fluoro-3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



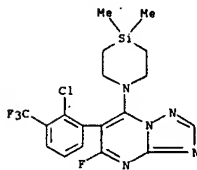
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CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-[2-fluoro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



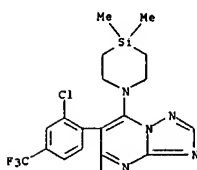
RN 894425-90-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[2-fluoro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



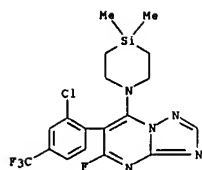
RN 894426-02-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-[2-chloro-3-(trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



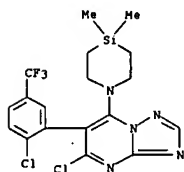
RN 894426-04-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-chloro-4-(trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



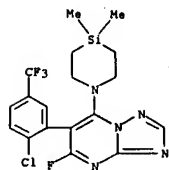
RN 894426-06-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-[2-chloro-4-(trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



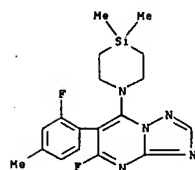
RN 894426-08-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-((4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



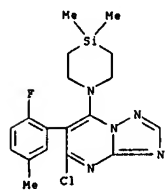
RN 894426-10-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-((2-chloro-5-(trifluoromethyl)phenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



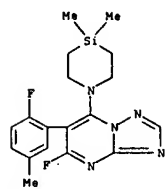
RN 894426-24-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2-fluoro-3-methylphenyl)- (9CI) (CA INDEX NAME)



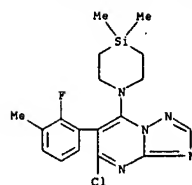
RN 894426-32-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2-fluoro-5-methylphenyl)- (9CI) (CA INDEX NAME)



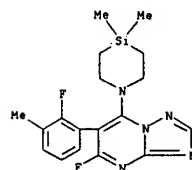
RN 894426-34-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2-fluoro-5-methylphenyl)- (9CI) (CA INDEX NAME)



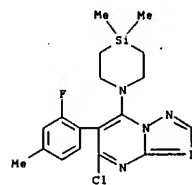
RN 894426-40-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



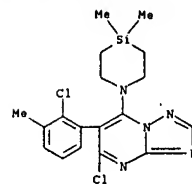
RN 894426-26-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2-fluoro-3-methylphenyl)- (9CI) (CA INDEX NAME)



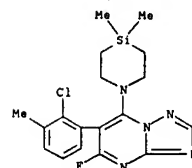
RN 894426-28-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2-fluoro-4-methylphenyl)- (9CI) (CA INDEX NAME)



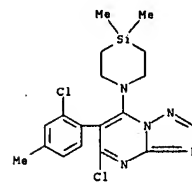
RN 894426-30-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2-fluoro-4-methylphenyl)- (9CI) (CA INDEX NAME)



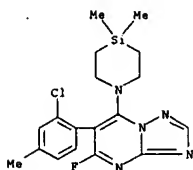
RN 894426-42-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-3-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



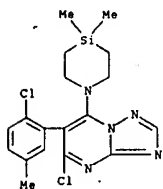
RN 894426-44-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



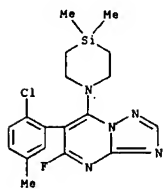
RN 894426-46-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-4-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



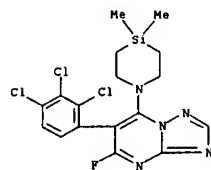
RN 894426-47-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (9CI) (CA INDEX NAME)



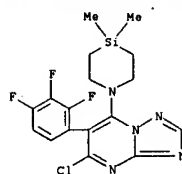
RN 894426-48-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-5-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (9CI) (CA INDEX NAME)



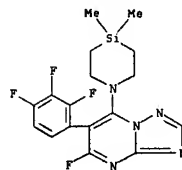
RN 894426-71-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)



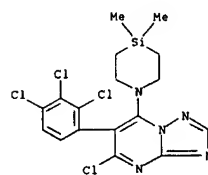
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



RN 894426-72-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)



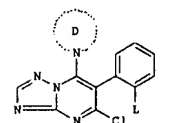
RN 894426-79-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2,3,4-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 894426-81-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2,3,4-trichlorophenyl)- (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 2006:147748 CAPLUS
DOCUMENT NUMBER: 144:207360
TITLE: Synergistic fungicide mixtures comprising triazolopyrimidine derivatives
INVENTOR(S): Blettner, Carsten; Dietz, Jochen; Grammenos, Vassilios; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Nave, Barbara; Scherer, Maria; Strathmann, Siegfried; Schoeffl, Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 73 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006015728	A1	20060216	WO 2005-EP8192	20050728
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BG, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2005270459	A1	20060216	AU 2005-270459	20050728
CA 2573929	A1	20060216	CA 2005-2573929	20050728
EP 1788877	A1	20070530	EP 2005-773888	20050728
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1993050	A	20070704	CN 2005-80026212	20050728
IN 2006KN03942	A	20070622	IN 2006-KN3942	20061220
PRIORITY APPLN. INFO.: DE 2004-102004037784A 20040803				
WO 2005-EP8192 W 20050728				
OTHER SOURCE(S): MARPAT 144:207360				
G1				



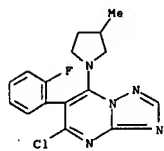
AB Synergistic fungicidal mixts. comprise: (1) a 5-chloro-6-phenyl-7-heterocyclaminotriazolopyrimidine derivative 1, wherein D forms a

L4 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)
 pyrrolidine, piperidine or azepine ring together with the nitrogen atom, the rings being substituted or not substituted by one or two Me groups or by an Et, Pr or Bu group; and L represents Me, fluorine or chlorine; and (2) at least one active ingredient selected from: (A) azoles; (B) strobilurines; (C) acylalanines; (D) amine derivs.; (E) anilinothiazolines; (F) dicarboximides; (G) cinnamic acid amides and analogues; (H) antibiotics; (K) dithiocarbamates; (L) heterocyclic compds.; (M) sulfur and copper fungicides; (N) nitrophenyl derivs.; (O) phenylpyrroles; (P) sulfenic acid derivs.; (Q) other fungicides; or (R) growth retardants.

IT 875294-86-3 875294-87-4 875294-88-5
 875294-89-6 875294-92-1 875294-94-3
 875294-95-4 875294-97-6 875294-98-7
 875295-00-4 875295-01-5 875295-02-6
 875295-03-7 875295-04-8 875295-05-9
 875295-06-0 875295-07-1 875295-08-2
 875295-09-3 875295-10-6 875295-11-7
 875295-13-9 875295-15-1 875295-16-2
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal composition)
 RN 875294-86-3 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)-, mixt. with rel-1-[[2R,3S]-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CH 1

CRN 875294-85-2
 CHF C16 H15 Cl F N5

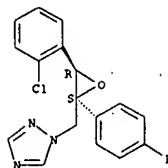


CH 2

CRN 133855-98-8
 CHF C17 H13 Cl F N3 O

Relative stereochemistry.

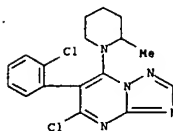
L4 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)



RN 875294-87-4 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)-, mixt. with rel-1-[[2R,3S]-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CH 1

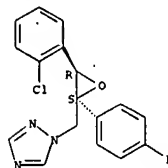
CRN 187233-46-1
 CHF C17 H17 Cl2 N5



CH 2

CRN 133855-98-8
 CHF C17 H13 Cl F N3 O

Relative stereochemistry.

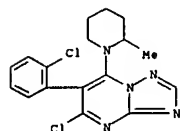


RN 875294-88-5 CAPLUS

L4 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)
 CN 3H-1,2,4-Triazole-3-thione, 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

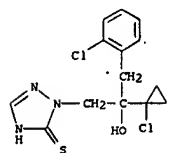
CH 1

CRN 187233-46-1
 CHF C17 H17 Cl2 N5



CH 2

CRN 178928-70-6
 CHF C14 H15 Cl2 N3 O S

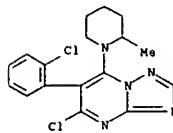


RN 875294-89-6 CAPLUS
 CN Cyclopentanol, 5-[[4-(4-chlorophenyl)methylene]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-yl)methyl]-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CH 1

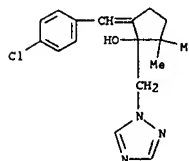
CRN 187233-46-1
 CHF C17 H17 Cl2 N5

L4 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)



CH 2

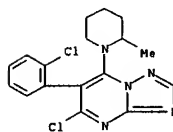
CRN 131983-72-7
 CHF C17 H20 Cl N3 O



RN 875294-92-1 CAPLUS
 CN 1H-Imidazole-1-sulfonamide, 4-chloro-2-cyano-N,N-dimethyl-5-(4-methylphenyl)-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

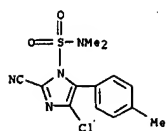
CH 1

CRN 187233-46-1
 CHF C17 H17 Cl2 N5



CH 2

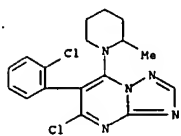
CRN 120116-88-3
 CHF C13 H13 Cl N4 O2 S



RN 875294-94-3 CAPLUS
CN 1H-isoindole-1,3(2H)-dione, 2-[(trichloromethyl)thio]-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

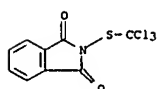
CH 1

CRN 187233-46-1
CMF C17 H17 C12 N5



CH 2

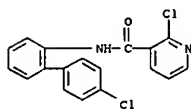
CRN 133-07-3
CMF C9 H4 C13 N O2 S



RN 875294-95-4 CAPLUS
CN Phosphonic acid, monoethyl ester, aluminum salt, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CH 1

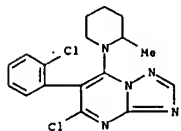
CRN 187233-46-1
CMF C17 H17 C12 N5



RN 875294-98-7 CAPLUS
CN Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

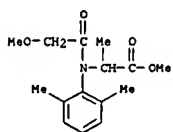
CH 1

CRN 187233-46-1
CMF C17 H17 C12 N5



CH 2

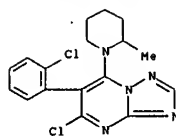
CRN 57837-19-1
CMF C15 H21 N O4



RN 875295-00-4 CAPLUS
CN Manganese, [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)-κS,κS']-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine and [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)-κS,κS']zinc (9CI) (CA INDEX NAME)

CH 1

CRN 875294-95-2



CH 2

CRN 39149-24-8
CMF C2 H7 O3 P 1/3 A1

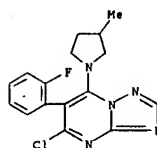


●1/3 A1

RN 875294-97-6 CAPLUS
CN 3-Pyridinacarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CH 1

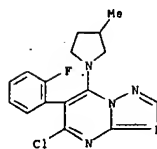
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CMF C16 H15 C1 F N5



CH 2

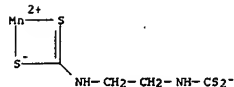
CRN 188425-85-6
CMF C18 H12 C12 N2 O

CMF C16 H15 C1 F N5



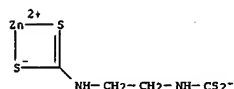
CH 2

CRN 12427-38-2
CMF C4 H6 Mn N2 S4
CCI CCS



CH 3

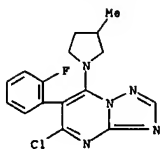
CRN 12122-67-7
CMF C4 H6 N2 S4 2n
CCI CCS



RN 875295-01-5 CAPLUS
CN Phosphonic acid, monoethyl ester, aluminum salt, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CH 1

CRN 875294-95-2
CMF C16 H15 C1 F N5



CH 2

CRN 39148-24-8

CMF C2 H7 O3 F 1/3 A1



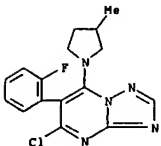
● 1/3 A1

RN 875295-02-6 CAPLUS
CN 1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CH 1

CRN 875294-85-2

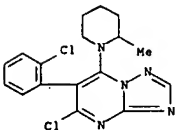
CMF C16 H15 Cl F N5



CH 2

CRN 1897-45-6

CMF C9 Cl4 N2

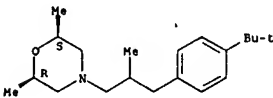


CH 2

CRN 67564-91-4

CMF C20 H33 N O

Relative stereochemistry.

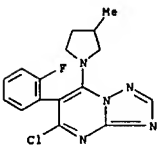


RN 875295-05-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)-, mixt. with 4-[3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)-1-oxo-2-propenyl]morpholine (9CI) (CA INDEX NAME)

CH 1

CRN 875294-85-2

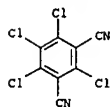
CMF C16 H15 Cl F N5



CH 2

CRN 110488-70-5

CMF C21 H22 Cl N O4



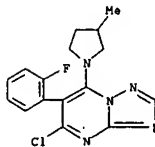
RN 875295-03-7 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)-, mixt. with (2R,6S)-rel-4-[3-(4-(1,1-dimethylethyl)phenyl)-2-methylpropyl]-2,6-dimethylmorpholine (9CI) (CA INDEX NAME)

CH 1

CRN 875294-85-2

CMF C16 H15 Cl F N5

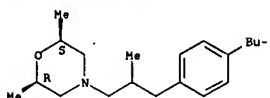


CH 2

CRN 67564-91-4

CMF C20 H33 N O

Relative stereochemistry.



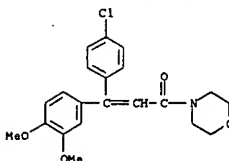
RN 875295-04-8 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)-, mixt. with (2R,6S)-rel-4-[3-(4-(1,1-dimethylethyl)phenyl)-2-methylpropyl]-2,6-dimethylmorpholine (9CI) (CA INDEX NAME)

CH 1

CRN 187233-46-1

CMF C17 H17 Cl2 N5



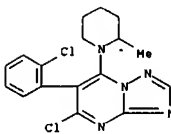
RN 875295-06-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)-, mixt. with 4-[3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)-1-oxo-2-propenyl]morpholine (9CI) (CA INDEX NAME)

CH 1

CRN 187233-46-1

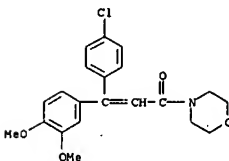
CMF C17 H17 Cl2 N5



CH 2

CRN 110488-70-5

CMF C21 H22 Cl N O4



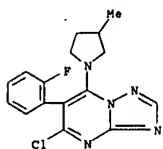
RN 875295-07-1 CAPLUS

CN 1,4-Dioxaspiro[4.5]decane-2-methanamine, 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

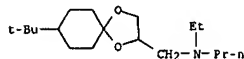
CH 1

CRN 875294-85-2
CMF C16 H15 C1 F N5



CH 2

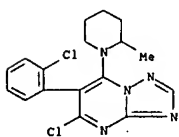
CRN 118134-30-8
CMF C18 H35 N O2



RN 875295-08-2 CAPLUS
CN 1,4-Dioxaspiro[4.5]undecane-2-methanamine, 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CH 1

CRN 187233-46-1
CMF C17 H17 C12 N5



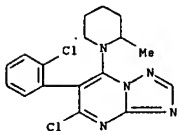
CH 2

CRN 118134-30-8
CMF C18 H35 N O2

L4 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

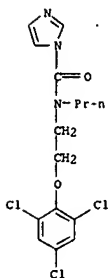
CH 1

CRN 187233-46-1
CMF C17 H17 C12 N5



CH 2

CRN 67747-09-5
CMF C15 H16 C13 N3 O2

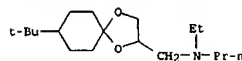


RN 875295-11-7 CAPLUS
CN 2-Pyrimidinamine, 4,6-dimethyl-N-phenyl-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CH 1

CRN 187233-46-1
CMF C17 H17 C12 N5

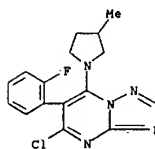
L4 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 875295-09-3 CAPLUS
CN 1H-Imidazole-1-carboxamide, N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

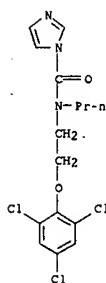
CH 1

CRN 875294-85-2
CMF C16 H15 C1 F N5



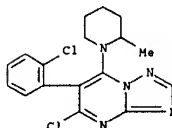
CH 2

CRN 67747-09-5
CMF C15 H16 C13 N3 O2



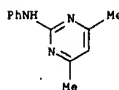
RN 875295-10-6 CAPLUS
CN 1H-Imidazole-1-carboxamide, N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CH 2

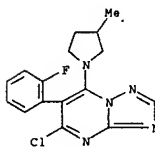
CRN 53112-28-0
CMF C12 H13 N3



RN 875295-13-9 CAPLUS
CN Naphtho[2,3-b]-1,4-dithiin-2,3-dicarbonitrile, 5,10-dihydro-5,10-dioxo-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

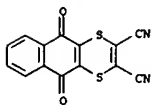
CH 1

CRN 875294-85-2
CMF C16 H15 C1 F N5



CH 2

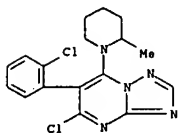
CRN 3347-22-6
CMF C14 H4 N2 O2 S2



RN 875295-15-1 CAPLUS
CN Manganese, [[2-[(dithiocarbonyl)amino]ethyl]carbamodithioato(2-)- κ S, κ S']-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine and [[2-[(dithiocarbonyl)amino]ethyl]carbamodithioato(2-)- κ S, κ S']zinc (9CI) (CA INDEX NAME)

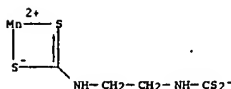
CM 1

CRN 187233-46-1
CMF C17 H17 C12 N5



CM 2

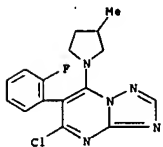
CRN 12427-38-2
CMF C4 H6 Mn N2 S4
CCI CCS



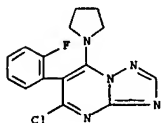
CM 3

CRN 12122-67-7
CMF C4 H6 N2 S4 Zn
CCI CCS

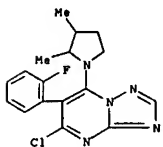
L4 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



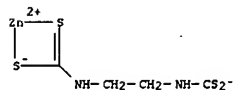
RN 875295-38-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



RN 875295-39-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,3-dimethyl-1-pyrrolidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



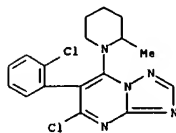
RN 875295-40-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,4-dimethyl-1-pyrrolidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 875295-16-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)-, mixt. with copper chloride oxide hydrate (9CI) (CA INDEX NAME)

CM 1

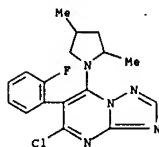
CRN 187233-46-1
CMF C17 H17 C12 N5



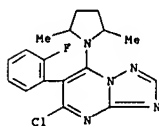
CM 2

CRN 1332-40-7
CMF Unspecified
CCI HAN

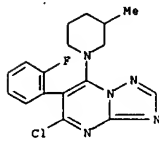
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
IT 875294-85-2D, mixts. containing 875295-38-8D, mixts. containing
875295-39-9D, mixts. containing 875295-40-2D, mixts. containing
875295-41-3D, mixts. containing 875295-42-4D, mixts. containing
875295-43-5D, mixts. containing 875295-44-6D, mixts. containing
875295-45-7D, mixts. containing 875295-46-8D, mixts. containing
875295-47-9D, mixts. containing 875295-48-0D, mixts. containing
875295-49-1D, mixts. containing 875295-50-4D, mixts. containing
875295-51-5D, mixts. containing 875295-52-6D, mixts. containing
875295-53-7D, mixts. containing 875295-54-8D, mixts. containing
875295-55-9D, mixts. containing 875295-56-0D, mixts. containing
875295-58-2D, mixts. containing 875295-60-6D, mixts. containing
875295-62-8D, mixts. containing 875295-64-0D, mixts. containing
875295-65-1D, mixts. containing 875295-66-2D, mixts. containing
875295-68-4D, mixts. containing 875295-70-8D, mixts. containing
875295-71-9D, mixts. containing 875295-72-0D, mixts. containing
875295-73-1D, mixts. containing 875295-74-2D, mixts. containing
875295-75-3D, mixts. containing 875295-76-4D, mixts. containing
875295-77-5D, mixts. containing
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
RN 875294-85-2 CAPLUS



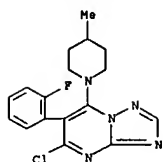
RN 875295-41-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,5-dimethyl-1-pyrrolidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



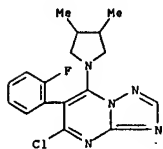
RN 875295-42-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



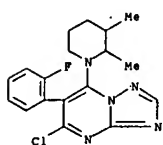
RN 875295-43-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



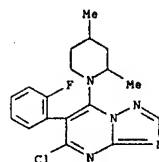
RN 875295-44-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,4-dimethyl-1-pyrrolidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



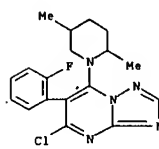
RN 875295-45-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,3-dimethyl-1-piperidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



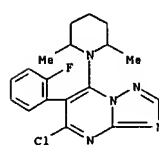
RN 875295-46-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,4-dimethyl-1-piperidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



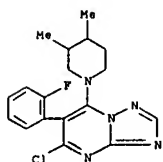
RN 875295-47-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,5-dimethyl-1-piperidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



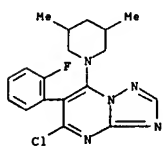
RN 875295-48-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,6-dimethyl-1-piperidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



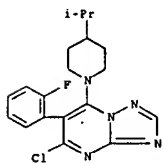
RN 875295-49-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,4-dimethyl-1-piperidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



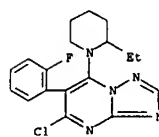
RN 875295-50-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,5-dimethyl-1-piperidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



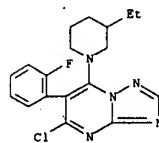
RN 875295-51-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-[4-(1-methylethyl)-1-piperidinyl]- (9CI) (CA INDEX NAME)



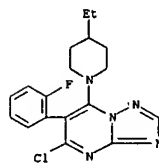
RN 875295-52-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-ethyl-1-piperidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



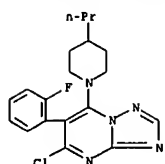
RN 875295-53-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-ethyl-1-piperidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



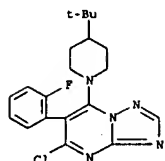
RN 875295-54-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-ethyl-1-piperidinyl)-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



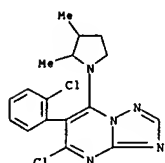
RN 875295-55-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(4-propyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



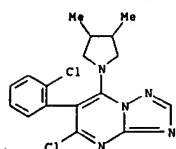
RN 875295-56-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[4-(1,1-dimethylethyl)-1-piperidinyl]-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



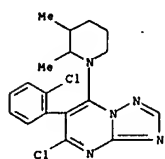
RN 875295-58-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,3-dimethyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



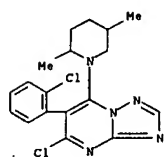
RN 875295-60-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3-methyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



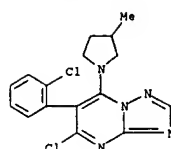
RN 875295-66-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,3-dimethyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



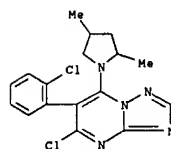
RN 875295-68-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,5-dimethyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



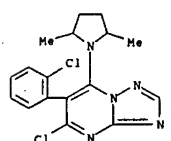
RN 875295-70-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,6-dimethyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



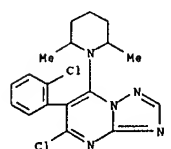
RN 875295-62-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,4-dimethyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



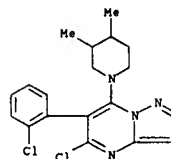
RN 875295-64-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,5-dimethyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



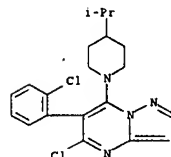
RN 875295-65-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3,4-dimethyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



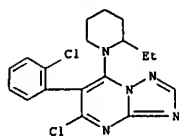
RN 875295-71-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3,4-dimethyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



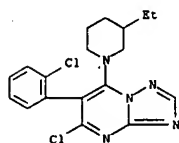
RN 875295-72-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-[4-(1-methylethyl)-1-piperidinyl]- (9CI) (CA INDEX NAME)



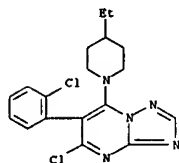
RN 875295-73-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-ethyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



RN 875295-74-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3-ethyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



RN 875295-75-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(4-ethyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

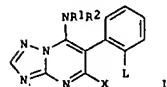


RN 875295-76-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(4-propyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

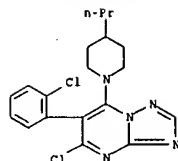
L4 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:51000 CAPLUS
DOCUMENT NUMBER: 144:128995
TITLE: Preparation of 6-phenyl-7-aminotriazolo[1,5-a]pyrimidines as agrochemical fungicides.
INVENTOR(S): Blattner, Carsten; Gewehr, Markus; Grammenos, Vassilios; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Nave, Barbara; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

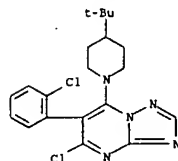
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006005492	A1	200600119	WO 2005-EP72777	20050706
<p>W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KH, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZH, ZW</p> <p>RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, CA, CN, CO, CU, DM, DZ, EC, EE, EG, ES, FI, FR, GB, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM</p> <p>EP 1765824 A1 20070328 EP 2005-762108 20050706</p> <p>R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR</p> <p>CN 1980935 A 20070613 CN 2005-80023045 20050706</p> <p>PRIORITY APPLN. INFO.: DE 2004-10204033239A 20040708 WO 2005-EP72777 20050706</p> <p>OTHER SOURCE(S): CASREACT 144:128995; MARPAT 144:128995</p> <p>GI</p>				



AB Title compds. (I; R1 = (substituted) alkyl, haloalkyl, cycloalkyl, halocycloalkyl, alkenyl, haloalkenyl, cycloalkenyl, halocycloalkenyl, alkynyl, haloalkynyl, Ph, naphthyl 5-6 membered saturated, partially unsatd. or aromatic heterocycle containing 1-4 O, N, S; R2 = H, R1; R1R2N = (substituted)



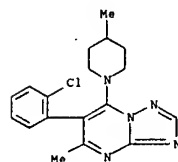
RN 875295-77-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(4-(1,1-dimethylethyl)-1-piperidinyl)- (9CI) (CA INDEX NAME)



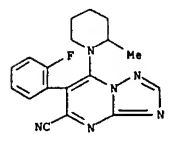
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

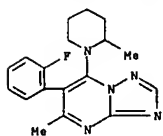
5-6 membered heterocyclyl, heteroaryl; L = F, Cl, Me; X = cyano, alkyl, alkoxy, haloalkoxy; with provisos), were prepd. Thus, 5,7-dichloro-6-(2-chlorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine was stirred ca. 35 h with Et3N and 2-methylpiperidine in CH2Cl2 to give 644 5-chloro-6-(2-chlorophenyl)-7-(2-methylpiperidin-1-yl)-1,2,4-triazolo[1,5-a]pyrimidine. This was stirred ca. 15 h with NaOMe in MeOH to give 5-methoxy-6-(2-chlorophenyl)-7-(2-methylpiperidin-1-yl)-1,2,4-triazolo[1,5-a]pyrimidine. Several I at 250 ppm on tomatoes reduced Alternaria solani infection to ≤5%, vs. 90% for untreated controls.
IT 220482-09-7P 873691-00-OP 873691-02-2P
873691-03-3P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenylaminotriazolo[1,5-a]pyrimidines as agrochem. fungicides)
RN 220482-09-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chlorophenyl)-5-methyl-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



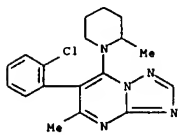
RN 873691-00-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-fluorophenyl)-7-(2-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



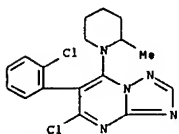
RN 873691-02-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-fluorophenyl)-5-methyl-7-(2-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



RN 873691-03-3 CAPLUS
CN (1,2,4)Triazolo[1,5-a]pyrimidine, 6-(2-chlorophenyl)-5-methyl-7-(2-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



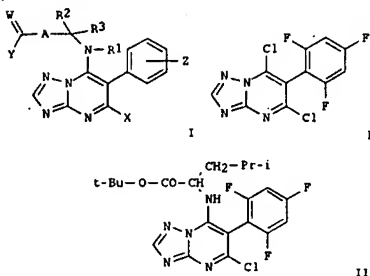
IT 187233-46-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(Preparation of phenylaminotriazolopyrimidines as agrochem. fungicides)
RN 187233-46-1 CAPLUS
CN (1,2,4)Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2006:10855 CAPLUS
DOCUMENT NUMBER: 144:108341
TITLE: Preparation of triazolopyrimidines as agrochemical fungicides
INVENTOR(S): Blettner, Carsten; Schieweck, Frank; Tormo i Blasco, Jordi; Mueller, Bernd; Gevehr, Markus; Grammenos, Vassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schwoegler, Anja; Wagner, Oliver; Speakman, John-Bryan; Jabs, Thorsten; Strathmann, Siegfried; Schoeffl, Ulrich; Scherer, Maria; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF A.-G., Germany
SOURCE: PCT Int. Appl., 94 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

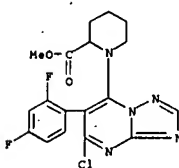
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006000436	A1	20060105	WO 2005-EP6855	20050624
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2005256507	A1	20060105	AU 2005-256507	20050624
CA 2570578	A1	20060105	CA 2005-2570578	20050624
EP 1761544	A1	20070314	EP 2005-761748	20050624
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, HR, LV, MK, YU				
CN 1972948	A	20070530	CN 2005-80021034	20050624
IN 2006KN03561	A	20070615	IN 2006-KN3561	20061128
PRIORITY APPLN. INFO.: DE 2004-102004030816A			DE 2004-102004030816A	20040625
OTHER SOURCE(S):			WO 2005-EP6855	W 20050624
GI				



AB Title compds. I [Z = (L)m; X = halo, CN, alkyl, etc.; W = O, S; Y = OR4, NR5R6; L = halo, alkyl, alkenyl, etc.; n = 0-5; R1 = H, alkyl, CHO, etc.; R2 = H, alkyl, etc.; R3 = H, alkyl, alkoxy, etc.; R4 = H, alkyl, hydroxyalkyl, etc.; R5 = H, alkyl, cycloalkyl, etc.] were prepared For example, condensation of dichloropyrimidine II and 2-amino-4-methylpentanoic acid tert-Bu ester afforded triazolopyrimidine III in > 90% yield. In alternaria solani tomato protection assays, 12-examples of compds. I at 250 ppm exhibited 90% after 5-days.

IT 872863-46-2P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

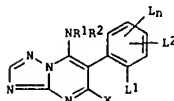
(Preparation of triazolopyrimidines as agrochem. fungicides)
RN 872863-46-2 CAPLUS
CN 2-Piperidinecarboxylic acid, 1-[5-chloro-6-(2,4-difluorophenyl)-1,2,4-triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2005:1331355 CAPLUS
DOCUMENT NUMBER: 144:46618
TITLE: Preparation of triazolopyrimidine derivatives as fungicides
INVENTOR(S): Blettner, Carsten; Gevehr, Markus; Grammenos, Vassilios; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Parra Rapado, Lilliana; Rack, Michael; Nave, Barbara; Scherer, Maria; Strathmann, Siegfried; Schoeffl, Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 81 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005120233	A1	20051222	WO 2005-EP6170	20050608
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1758457	A1	20070307	EP 2005-753191	20050608
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1964629	A	20070516	CN 2005-80019087	20050608
PRIORITY APPLN. INFO.: DE 2004-102004028084A			DE 2004-102004028084A	20040609
OTHER SOURCE(S):			WO 2005-EP6170	W 20050608
GI				

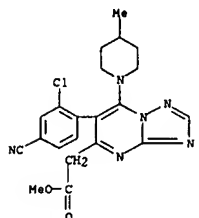


AB The invention relates to the preparation and fungicidal use of triazolopyrimidines I, wherein R1, R2 represent hydrogen, alkyl, alkyl halide, cycloalkyl, cycloalkyl halide, alkenyl, alkenyl halide, alkenyl halide, cycloalkenyl, cycloalkenyl halide, alkynyl, alkynyl halide,

L4 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 cycloalkinyl, Ph, naphthyl, or a five-membered or ten-membered satd., partially unsatd., or arom. heterocycle contg. one, two, three, or four heteroatoms from the group comprising O, N, or S. R1, R2 can be substituted, or R1 and R2 form five-membered to eight-membered heterocyclyl or heteroaryl along with the nitrogen atom to which the same are bound, the heterocyclyl or heteroaryl being bound via N. Furthermore, R1, R2 contain one, two, or three addnl. heteroatoms from the group comprising O, N, and S as a ring member. L represents halogen, alkyl, alkyl halide, alkoxy, alkoxy halide, alkenyloxy, cyano, etc.; L1 represents halogen, alkyl, alkyl halide; L2 represents nitro, C(S)NR3R4 etc.; R3 and R4 represents hydrogen, alkyl, cycloalkyl, etc.; n represents 0, 1, 2, or 3. X represents hydrogen, cyano, alkyl, etc.

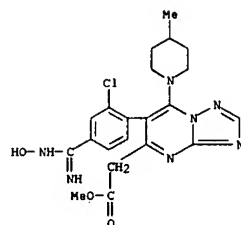
IT 871124-93-5P 871124-94-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (Intermediate in preparation of triazolopyrimidine derivative fungicide)

RN 871124-93-5 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-acetic acid, 6-(2-chloro-4-cyanophenyl)-7-(4-methyl-1-piperidinyl)-, methyl ester (9CI) (CA INDEX NAME)



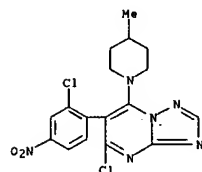
RN 871124-94-6 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-acetic acid, 6-(2-chloro-4-[(hydroxyamino)iminomethyl]phenyl)-7-(4-methyl-1-piperidinyl)-, methyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



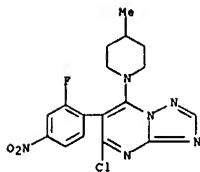
IT 388060-68-2P 388060-89-7P 871124-38-8P
 871124-55-9P 871124-57-1P 871124-58-2P
 871124-59-3P 871124-89-9P 871124-91-3P
 871124-92-4P
 RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation as fungicide)

RN 388060-68-2 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

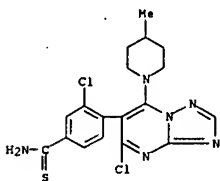


RN 388060-89-7 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

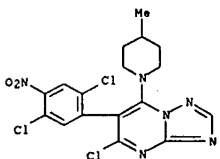
L4 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 871124-38-8 CAPLUS
 CN Benzenecarbothioamide, 3-chloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)

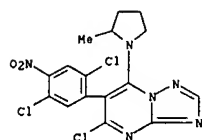


RN 871124-55-9 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichloro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

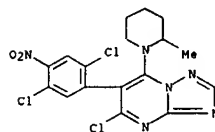


RN 871124-57-1 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichloro-4-nitrophenyl)-7-(2-methyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)

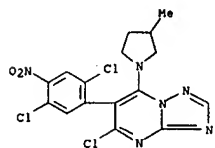
L4 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



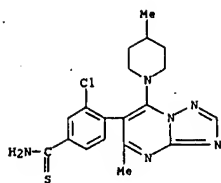
RN 871124-58-2 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichloro-4-nitrophenyl)-7-(2-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



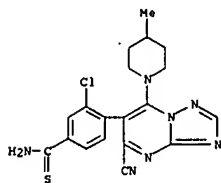
RN 871124-59-3 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichloro-4-nitrophenyl)-7-(3-methyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



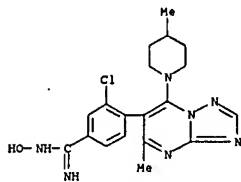
RN 871124-89-9 CAPLUS
 CN Benzenecarbothioamide, 3-chloro-4-[5-methyl-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)



RN 871124-91-3 CAPLUS
CN Benzenecarbothioamide, 3-chloro-4-[(5-cyano-7-(4-methyl-1-piperidinyl)]-1,2,4-triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)



RN 871124-92-4 CAPLUS
CN Benzenecarbothioamide, 3-chloro-4-[(5-methyl-7-(4-methyl-1-piperidinyl)]-1,2,4-triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)

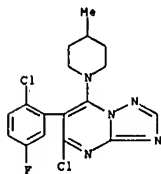


REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

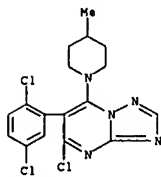
AB Title compds. I [R1, R2 = H, alkyl, cycloalkyl, etc.; L1 = F, Cl, Br; L2 = H, alkyl, alkoxy; X = halo, CN, alkyl, etc.] were prepared. For example, aminoarom. substitution of 2-butylamine and chlorotriazolopyrimidine II (Y = Cl) afforded triazolopyrimidine I (Y = CH(Me)Et). In puccina recomita (triticina) protection assays, 13-examples of compds. I at 63 ppm, provided 85-90% protection.

IT 861901-70-4P 861901-98-6P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

RN 861901-70-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



RN 861901-98-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichlorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

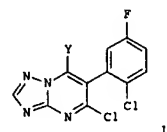
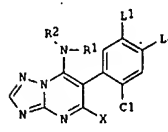


REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2005:69613 CAPLUS
DOCUMENT NUMBER: 143:194021
TITLE: Preparation of 6-(5-halophenyl)triazolopyrimidines as fungicides
INVENTOR(S): Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Vassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005070933	A1	20050804	WO 2005-EP377	20050115
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2005206272	A1	20050804	AU 2005-206272	20050115
CA 2552388	A1	20050804	CA 2005-2552388	20050115
EP 1725557	A1	20061129	EP 2005-700961	20050115
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CN 1910186	A	20070207	CN 2005-80002736	20050115
BR 2005006967	A	20070703	BR 2005-6967	20050115
JP 2007518759	T	20070712	JP 2006-549933	20050115
IN 2006KN1834	A	20070511	IN 2006-KN1834	20060630
PRIORITY APPLN. INFO.:			DE 2004-102004003732A	20040123
			DE 2004-102004051101A	20041019
			WO 2005-EP377	W 20050115

OTHER SOURCE(S): MARPAT 143:194021
GI



ACCESSION NUMBER: 2005:58970 CAPLUS
DOCUMENT NUMBER: 143:115562
TITLE: Preparation of 6-(aminocarbonylphenyl)triazolopyrimidines as fungicides
INVENTOR(S): Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Vassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

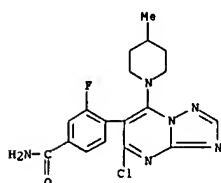
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WO 2005061502	A1	20050707	WO 2004-EP14393	20041217
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AU 2004303493	A1	20050707	AU 2004-303493	20041217
CA 2549184	A1	20050707	CA 2004-2549184	20041217
EP 1697368	A1	20060906	EP 2004-804000	20041217
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CN 1894255	A	20070110	CN 2004-80037816	20041217
BR 2004017765	A	20070417	BR 2004-17765	20041217
JP 2007514693	T	20070607	JP 2006-544354	20041217
US 2007111889	A1	20070517	US 2006-580990	20060526
IN 2006CN2633	A	20070608	IN 2006-CN2633	20060719
PRIORITY APPLN. INFO.:			DE 2003-10360392	A 20031219
			DE 2004-102004003767A	20040123
			DE 2004-102004019456A	20040419
			WO 2004-EP14393	W 20041217

OTHER SOURCE(S): MARPAT 143:115562
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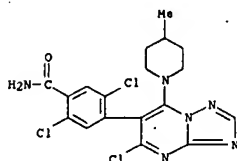
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AB Title compds. I [Y = Lm; L = halo, CN, alkyl, etc.; m = 1-4; R1, R2 = H, alkyl, haloalkyl, etc.; X = halo, CN, alkyl, etc.] were prepared. For example, saponification and decarboxylation of dimethylmalonate II afforded triazolopyrimidine III. In botrytis cinerea protection assays, 5-examples of compds. I, at 63 ppm application, after 5-days exhibited 75% protection.

L4 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 IT 857505-20-5P 857505-26-1P 857505-31-8P
 857505-34-1P 857505-37-4P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of aminocarbonylphenyltriazolopyrimidines as fungicides)
 RN 857505-20-5 CAPLUS
 CN Benzamide, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3-fluoro- (9CI) (CA INDEX NAME)

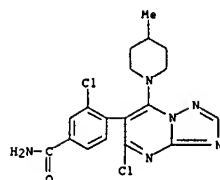


RN 857505-26-1 CAPLUS
 CN Benzamide, 2,5-dichloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)

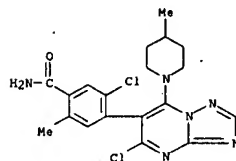


RN 857505-31-8 CAPLUS
 CN Benzamide, 3-chloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)

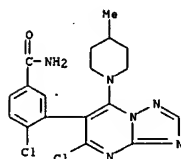
L4 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 857505-34-1 CAPLUS
 CN Benzamide, 5-chloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methyl- (9CI) (CA INDEX NAME)



RN 857505-37-4 CAPLUS
 CN Benzamide, 4-chloro-3-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)



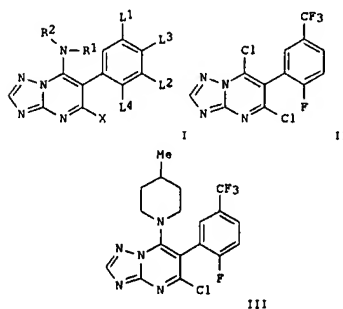
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:564672 CAPLUS
 DOCUMENT NUMBER: 143:97387
 TITLE: Preparation of 6-(2-halophenyl)triazolopyrimidines as fungicides
 INVENTOR(S): Torno I Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gwehr, Markus; Grammenos, Vassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Scherer, Maria; Strathmann, Siegfried; Schoeffl, Ulrich; Stierl, Reinhard
 PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 78 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

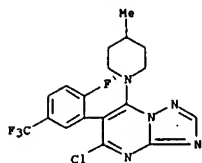
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WO 2005058907	A1	20050630	WO 2004-EP14328	20041216
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RW: BV, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CH, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004299258	A1	20050630	AU 2004-299258	20041216
CA 2549169	A1	20050630	CA 2004-2549169	20041216
EP 1697367	A1	20050906	EP 2004-803941	20041216
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1894252	A	20070110	CN 2004-80037171	20041216
BR 2004017740	A	20070403	BR 2004-17740	20041216
JP 2007514689	T	20070607	JP 2006-544335	20041216
US 2007078149	A1	20070405	US 2006-580416	20060523
IN 2006CNO2597	A	20070608	IN 2006-CN2597	20060717
PRIORITY APPLN. INFO.:			DE 2003-10360047	A 20031218
			DE 2004-102004019458A	20040419
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OTHER SOURCE(S): MARPAT 143:97387
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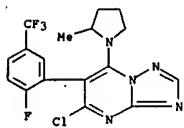
L4 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



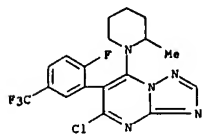
AB Title compds. I [R1, R2 = alkyl, cycloalkyl, alkenyl, etc.; L1, L2 = H, CN, alkoxy, etc.; L3 = H, halo, CN, etc.; L4 = halo; X = halo, CN, alkyl, etc.] were prepared. For example, aminoarom. substitution of dichloropyrimidine II and 4-methylpiperidine afforded triazolopyrimidine III. In botrytis cinerea protection assays, 50-examples of compds. I at 63 ppm application after 5-days exhibited 70% protection rate.
 IT 856890-67-0P 856890-74-9P 856890-75-0P
 856890-79-4P 856890-81-8P 856890-83-0P
 856890-85-2P 856890-89-6P 856891-05-9P
 856891-09-3P 856891-40-2P 856891-48-0P
 856891-50-4P 856891-77-5P 856892-24-5P
 856892-29-0P 856892-30-3P 856892-31-4P
 856892-48-3P 856892-54-1P 856892-59-6P
 856892-63-2P 856892-66-5P 856892-67-6P
 856892-73-4P 856892-78-9P 856892-79-0P
 856892-80-3P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of halophenyltriazolopyrimidines as fungicides)
 RN 856890-67-0 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



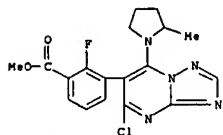
RN 856890-74-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-7-(2-methyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



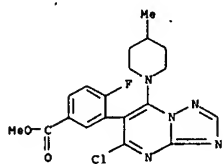
RN 856890-75-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-7-(2-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



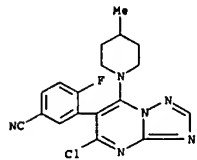
RN 856890-79-4 CAPLUS
CN Benzoic acid, 3-[5-chloro-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-4-fluoro-, methyl ester (9CI) (CA INDEX NAME)



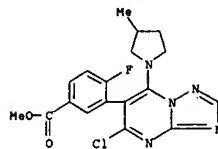
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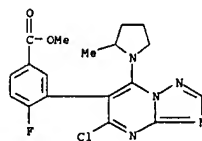
RN 856891-05-9 CAPLUS
CN Benzonitrile, 3-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-4-fluoro- (9CI) (CA INDEX NAME)



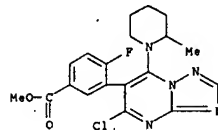
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CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-7-(3-methyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



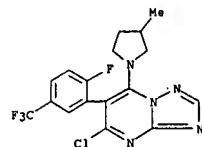
RN 856890-81-8 CAPLUS
CN Benzoic acid, 3-[5-chloro-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-4-fluoro-, methyl ester (9CI) (CA INDEX NAME)



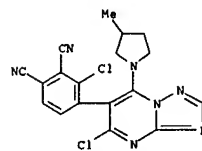
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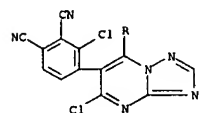
RN 856890-85-2 CAPLUS
CN Benzoic acid, 3-[5-chloro-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-fluoro-, methyl ester (9CI) (CA INDEX NAME)



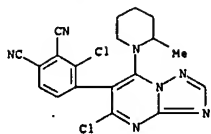
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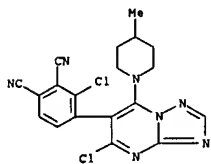
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CN 1,2-Benzenedicarbonitrile, 3-chloro-4-[5-chloro-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)



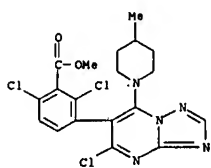
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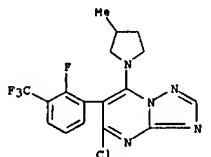
RN 856891-77-5 CAPLUS
CN 1,2-Benzenediacetonitrile, 3-chloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)



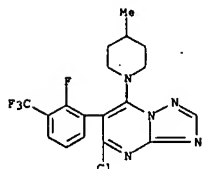
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CN Benzoic acid, 2,6-dichloro-3-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI) (CA INDEX NAME)



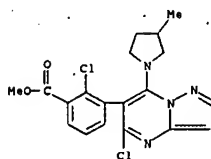
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CN Benzoic acid, 2,6-dichloro-3-[5-chloro-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI) (CA INDEX NAME)



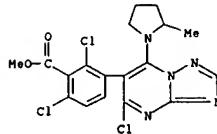
RN 856892-54-1 CAPLUS
CN Benzoic acid, 2-chloro-3-[5-chloro-7-(4-methyl-1-piperidinyl)-6-(2-fluoro-3-(trifluoromethyl)phenyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI) (CA INDEX NAME)



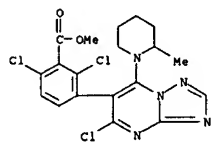
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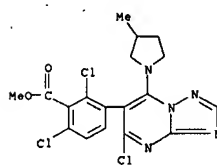
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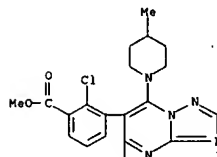
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CN Benzoic acid, 2,6-dichloro-3-[5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI) (CA INDEX NAME)



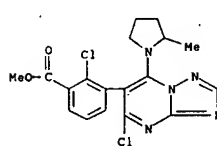
RN 856892-31-4 CAPLUS
CN Benzoic acid, 2,6-dichloro-3-[5-chloro-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI) (CA INDEX NAME)



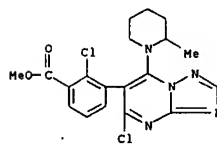
RN 856892-48-3 CAPLUS
CN Benzoic acid, 2-chloro-3-[5-chloro-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI) (CA INDEX NAME)



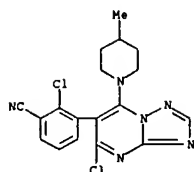
RN 856892-66-5 CAPLUS
CN Benzoic acid, 2-chloro-3-[5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI) (CA INDEX NAME)



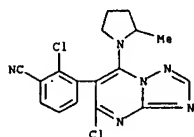
RN 856892-67-6 CAPLUS
CN Benzoic acid, 2-chloro-3-[5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI) (CA INDEX NAME)



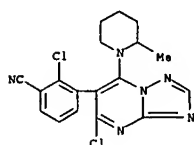
RN 856892-73-4 CAPLUS
CN Benzonitrile, 2-chloro-3-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)



RN 856892-78-9 CAPLUS
CN Benzonitrile, 2-chloro-3-[(5-chloro-7-(2-methyl-1-pyrrolidinyl)-1,2,4-triazolo[1,5-a]pyrimidin-6-yl)-] (9CI) (CA INDEX NAME)



RN 856892-79-0 CAPLUS
CN Benzonitrile, 2-chloro-3-[(5-chloro-7-(2-methyl-1-piperidinyl)-1,2,4-triazolo[1,5-a]pyrimidin-6-yl)-] (9CI) (CA INDEX NAME)

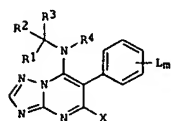


RN 856892-80-3 CAPLUS
CN Benzonitrile, 2-chloro-3-[(5-chloro-7-(3-methyl-1-pyrrolidinyl)-1,2,4-triazolo[1,5-a]pyrimidin-6-yl)-] (9CI) (CA INDEX NAME)

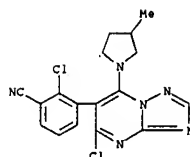
L4 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN

ACCESSION NUMBER: 2004:857601 CAPLUS
DOCUMENT NUMBER: 141:332213
TITLE: Preparation of alkenylaminotriazolopyrimidines as agrochemical fungicides.
INVENTOR(S): Tormo I Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Guehr, Markus; Grammenos, Vassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 47 pp.
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087705	A1	20041014	WO 2004-EP3102	20040324
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004226233	A1	20041014	AU 2004-226233	20040324
CA 2520579	A1	20041014	CA 2004-2520579	20040324
EP 1611135	A1	20060104	EP 2004-722827	20040324
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
BR 2004008754	A	20060328	BR 2004-8754	20040324
CN 1768060	A	20060503	CN 2004-80008707	20040324
US 2006211573	A1	20060921	US 2005-548690	20050912
PRIORITY APPL. INFO.: DE 2003-10314760 A 20030331				
WO 2004-EP3102 W 20040324				
OTHER SOURCE(S): MARPAT 141:332213				
GI				



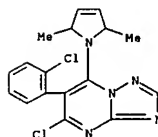
AB Title compds. [1: L = halo, alkyl, haloalkyl, alkoxy, amino, NHR, NR2; R = alkyl, alkylcarbonyl; m = 1-5; X = halo, cyano, alkyl, haloalkyl, alkoxy; R1 = alkyl, haloalkyl; R2 = H, alkyl, haloalkyl; R3 = (substituted)



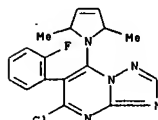
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)

alkenyl; R4 = H, alkyl; R3R4N = (substituted) 5- or 6-membered unsatd. ring which can be interrupted by O, N, S], were prepd. Thus, 5,7-dichloro-6-[(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5-a]pyrimidin-6-yl]-2-propen-1-ylamine, and Et3N were stirred 16 h in CH2Cl2 at 20-25° to give 5-chloro-6-[(2,4,6-trifluorophenyl)-7-[(1-methyl-2-propen-1-yl)amino]-1,2,4-triazolo[1,5-a]pyrimidin-6-yl]-2-chlorophenylamine. The latter at 250 ppm gave 100% control of Alternaria solani on tomato plants.
IT 773149-06-7P 773149-07-8P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of alkenylaminotriazolopyrimidines as agrochem. fungicides)
RN 773149-06-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,5-dihydro-2,5-dimethyl-1H-pyrrol-1-yl)- (9CI) (CA INDEX NAME)



RN 773149-07-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,5-dihydro-2,5-dimethyl-1H-pyrrol-1-yl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:412947 CAPLUS
DOCUMENT NUMBER: 140:423695

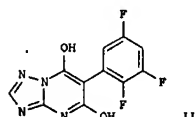
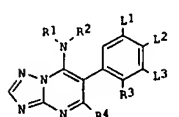
TITLE: Preparation of halogen substituted phenyltriazolopyrimidines for the control of combating phytopathogenic fungi

INVENTOR(S): Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gevehr, Markus; Grammenos, Vassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Ammermann, Eberhard; Strathmann, Siegfried; Schoeffl, Ulrich; Stierl, Reinhard; et al.; et al.

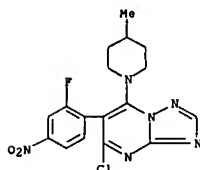
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

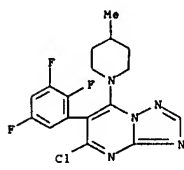
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004041824	A2	20040521	WO 2003-EP12276	20031104
WO 2004041824	A3	20040729		
V: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZH, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZH, ZW, AE, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2504827	A1	20040521	CA 2003-2504827	20031104
AU 2003279353	A1	20040607	AU 2003-279353	20031104
EP 1562948	A2	20050817	EP 2003-772300	20031104
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003016014	A	20050920	BR 2003-16014	20031104
CN 1751045	A	20060322	CN 2003-80102811	20031104
JP 2006519161	T	20060824	JP 2004-549099	20031104
MX 2005PA04620	A	20050608	MX 2005-PA4620	20050429
US 2006241128	A1	20061026	US 2005-532719	20051220
PRIORITY APPLN. INFO.:				
OTHER SOURCE(S): MARPAT 140:423695				
GI				



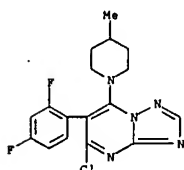
L4 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 691010-70-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,3,5-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 691010-90-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



RN 691010-95-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(4-bromo-2-fluorophenyl)-5-chloro-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

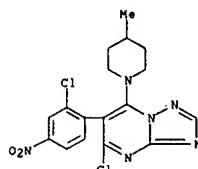
L4 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

AB Halogen substituted phenyltriazolopyrimidines, I, (R1 = alkyl, alkenyl, alkynyl, alkenyl, haloalkyl, haloalkenyl, cycloalkyl, Ph, naphthyl, or a 5- or 6-membered saturated, unsatd., or aromatic heterocycle, containing one to

four nitrogen atoms or one to three nitrogen atoms and one sulfur or oxygen atom, R1 and R2 radicals may be substituted as defined in the description, R2 = hydrogen, or a group mentioned for R1; or R1 and R2 together with the adjacent nitrogen atom represent a 5- or 6-membered heterocycle, containing one to four nitrogen atoms or one to three nitrogen atoms and one sulfur or oxygen atom, which ring may be substituted as defined in the description; R3 = halogen; L1, L3 independently = H, halogen, or alkyl; L2 = hydrogen, halogen, haloalkyl, or NH2, or substituted amine; R4 = halogen, cyano, alkyl, alkoxy, haloalkoxy or alkenyloxy) were prepared as fungicides for combating phytopathogenic fungi. Thus Et 2-(2,3,5-trifluorophenyl)acetate was added to diethylcarbonate and sodium hydride in toluene to give di-Et (2,3,5-trifluorophenyl)-malonate which was treated with 3-amino-1,2,4-triazole to give II. II was reacted with phosphorus oxychloride to give the dichloro compound which when treated with isopropylamine, triethylamine, and dichloromethane to give I (R1 = CH2, R2 = H, R3 = F, L1 = L3 = F, L2 = H) which showed activity against Alternaria solani, gray mold (Botrytis cinerea), grape downy mildew (Plasmopara viticola), Pyricularia oryzae, and Pyrenophora teres.

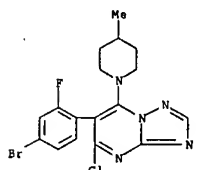
IT 388060-68-2P 388060-89-7P 691010-70-5P
691010-90-9P 691010-95-4P 691011-04-8P
691011-09-3P 691011-14-0P 691011-18-4P
691011-24-2P 691011-26-4P 691011-28-6P
691011-32-2P 691011-69-5P 691011-84-4P
691012-14-3P 691012-47-2P 691012-48-3P
R1: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of halogen substituted phenyltriazolopyrimidines as fungicides for combating phytopathogenic fungi)
RN 388060-68-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

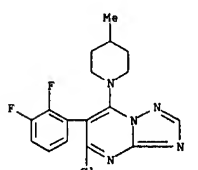


RN 388060-89-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

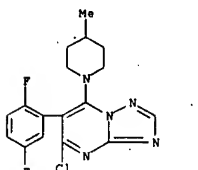
L4 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



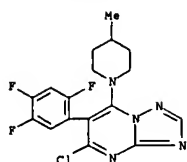
RN 691011-04-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,3-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



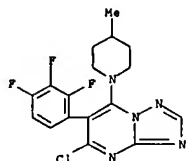
RN 691011-09-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



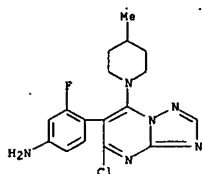
RN 691011-14-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)



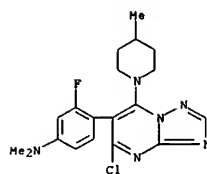
RN 691011-18-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)



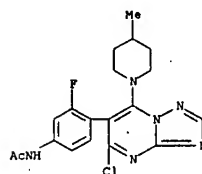
RN 691011-24-2 CAPLUS
CN Benzenamine, 4-([5-chloro-7-(4-methyl-1-piperidinyl)-1,2,4]triazolo[1,5-a]pyrimidin-6-yl)-3-fluoro- (9CI) (CA INDEX NAME)



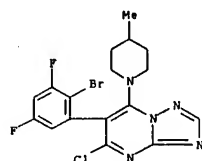
RN 691011-26-4 CAPLUS
CN Benzenamine, 4-([5-chloro-7-(4-methyl-1-piperidinyl)-1,2,4]triazolo[1,5-a]pyrimidin-6-yl)-3-fluoro-N,N-dimethyl- (9CI) (CA INDEX NAME)



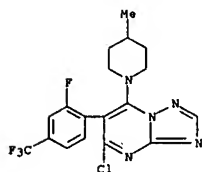
RN 691011-28-6 CAPLUS
CN Acetamide, N-([4-([5-chloro-7-(4-methyl-1-piperidinyl)-1,2,4]triazolo[1,5-a]pyrimidin-6-yl)-3-fluorophenyl]- (9CI) (CA INDEX NAME)



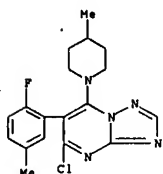
RN 691011-32-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-bromo-3,5-difluorophenyl)-5-chloro-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



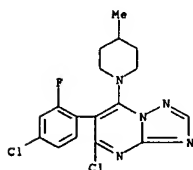
RN 691011-69-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-4-(trifluoromethyl)phenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



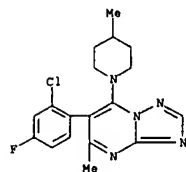
RN 691011-84-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-5-methylphenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



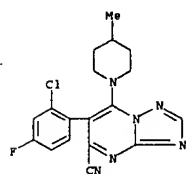
RN 691012-14-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



RN 691012-47-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-4-fluorophenyl)-5-methyl-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

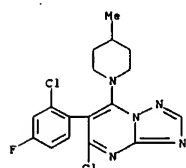


RN 691012-48-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-chloro-4-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



IT 691012-00-7
RI: RCT (Reactant); RACT (Reactant or reagent)
(preparation of halogen substituted phenyltriazolopyrimidines as fungicides for combating phytopathogenic fungi)

RN 691012-00-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 2003:89278 CAPLUS

DOCUMENT NUMBER: 139:381502

TITLE: Preparation of triazolopyrimidines as agricultural fungicides

INVENTOR(S): Tormo I Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gevehr, Markus; Grammenos, Vassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Annetmann, Eberhard; Strathmann, Siegfried; Lorenz, Gisela; Stierl, Reinhard

PATENT ASSIGNEE(S): Baaf Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

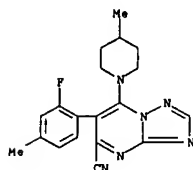
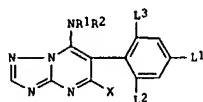
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003093271	A1	20031113	WO 2003-EP4498	20030430
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2482809	A1	20031113	CA 2003-2482809	20030430
AU 2003232227	A1	20031117	AU 2003-232227	20030430
EP 1504009	A1	20050209	EP 2003-747437	20030430
EP 1504009	B1	20060712		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 200309637	A	20050308	BR 2003-9637	20030430
CN 1649872	A	20050803	CN 2003-810040	20030430
JP 2005530756	T	20051013	JP 2004-501410	20030430
AT 332900	T	20060815	AT 2003-747437	20030430
MX 2004PA10128	A	20050331	MX 2004-PA10128	20041015
US 2005256138	A1	20051117	US 2004-513030	20041101
US 7094894	B2	20060822		
IN 2004CN02690	A	20060210	IN 2004-CN2690	20041129
ZA 2004009768	A	20060222	ZA 2004-9768	20041202
PRIORITY APPL. INFO.:			DE 2002-10219992	A 20020503
			WO 2003-EP4498	W 20030430

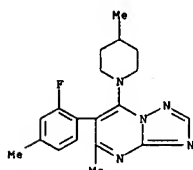
OTHER SOURCE(S): MARPAT 139:381502

GI



RN 623562-82-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-fluoro-4-methylphenyl)-5-methyl-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

AB Title compds. [1: L1 = alkyl; L2 = halo; L3 = H, halo; X = halo, cyano, alkyl, alkoxy, haloalkoxy; R1, R2 = H, (substituted) alkyl, haloalkyl, cycloalkyl, alkenyl, alkadienyl, alkynyl, cycloalkynyl, Ph, naphthyl, 5-10 membered (saturated) (aromatic) heterocyclyl; or NR1R2 = 5-6 membered (substituted) heterocyclyl], were prepared Thus, a mixture of 14 g 3-amino-1,2,4-triazole, 0.17 mol di-Et (2-fluoro-4-methylphenyl)malonate (preparation given), and Bu3N was heated at 180° for 6 h followed by stirring with a solution of NaOH in H2O for 30 min at 70° to give 39 g 5,7-dihydroxy-6-(2-fluoro-4-methylphenyl)-1,2,4-triazolo[1,5-a]pyrimidine. 30 g of the latter was refluxed with POC13 for 8 h to give 26 g 5,7-dichloro-6-(2-fluoro-4-methylphenyl)-1,2,4-triazolo[1,5-a]pyrimidine. 1.5 Mmol of the latter was treated with a solution of Me2CHNH2, Et3N in CH2Cl2 followed by stirring for 16 h at 25° to give 420 mg 5-chloro-6-(2-fluoro-4-methylphenyl)-7-isopropylamino-1,2,4-triazolo[1,5-a]pyrimidine. The latter at 250 ppm gave 93-100% control of Pyrenophora teres on barley.

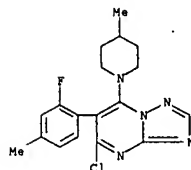
IT 623562-80-1P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of triazolopyrimidines as agricultural fungicides)

RN 623562-80-1 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-4-methylphenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



IT 623562-79-8P 623562-82-3P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of triazolopyrimidines as agricultural fungicides)

RN 623562-79-8 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-fluoro-4-methylphenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 2003:875289 CAPLUS

DOCUMENT NUMBER: 139:350750

TITLE: Preparation of 1,2,4-triazolo[1,5-a]pyrimidines as agricultural microbicides

INVENTOR(S): Gebauer, Olaf; Greul, Nico Joerg; Heinemann, Ulrich; Maurer, Fritz; Krueger, Bernd-Wieland; Elbe, Hans-Ludwig; Gayer, Herbert; Dunkel, Ralf; Voerste, Arnd; Hillebrand, Stefan; Boie, Christiane; Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer CropScience AG, Germany; et al.

SOURCE: PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

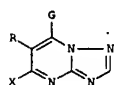
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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WO 2003091254	A1	20031106	WO 2003-EP3833	20030414
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10218592	A1	20031106	DE 2002-10218592	20020426
AU 2003229657	A1	20031110	AU 2003-229657	20030414
EP 1501832	A1	20050202	EP 2003-722463	20030414
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BR 200309568	A	20050215	BR 2003-9568	20030414
JP 200536460	T	20051202	JP 2003-587812	20030414
IN 2003MU00365	A	20050211	IN 2003-MU365	20030416
US 2005234076	A1	20051020	US 2005-511821	20050511
PRIORITY APPL. INFO.:			DE 2002-10218592	A 20020426
			WO 2003-EP3833	W 20030414

OTHER SOURCE(S): MARPAT 139:350750

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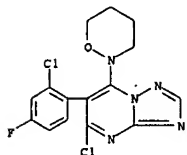
AB Title compds. [1: G = (substituted) (polycyclic) (saturated) (aromatic) heterocyclyl which is bonded by N atom; R = (substituted) aryl; X = halo], were prepared Thus, 5,7-dichloro-6-(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine, 3-methylisoxazolidine hydrochloride (preparation given), and K2CO3 in MeCN were stirred for 18 h at room temperature under

L4 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
Ar-atm, to give 491 5-chloro-6-(2,4,6-trifluorophenyl)-7-(3-methyl-2-isoxazolidinyl)-1,2,4-triazolo[1,5-a]pyrimidine. The latter at 100 ppm

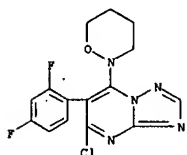
IT 619336-19-5P 619336-20-8P 619336-26-4P
619336-27-5P 619336-43-5P 619336-47-9P
619336-48-0P 619336-50-4P 619336-51-5P
619336-53-7P 619336-54-8P 619336-55-9P
619336-58-2P 619336-60-6P 619336-61-7P
619336-67-3P 619336-69-5P 619336-71-9P
619336-72-0P 619336-73-1P 619336-76-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of triazolopyrimidines as agricultural microbicides)
RN 619336-19-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(tetrahydro-2H-1,2-oxazin-2-yl)- (9CI) (CA INDEX NAME)

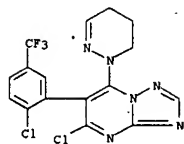


RN 619336-20-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-difluorophenyl)-7-(tetrahydro-2H-1,2-oxazin-2-yl)- (9CI) (CA INDEX NAME)

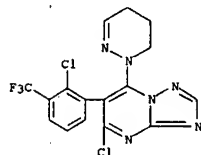


RN 619336-26-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-(trifluoromethyl)phenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (9CI) (CA INDEX NAME)

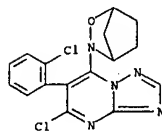
L4 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 619336-27-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3-(trifluoromethyl)phenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (9CI) (CA INDEX NAME)

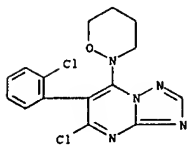


RN 619336-43-5 CAPLUS
CN 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2-chlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (9CI) (CA INDEX NAME)

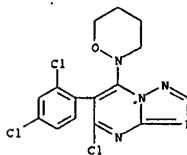


RN 619336-47-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(tetrahydro-2H-1,2-oxazin-2-yl)- (9CI) (CA INDEX NAME)

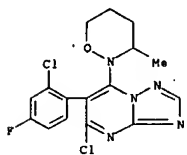
L4 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 619336-48-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichlorophenyl)-7-(tetrahydro-2H-1,2-oxazin-2-yl)- (9CI) (CA INDEX NAME)

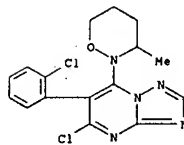


RN 619336-50-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(tetrahydro-3-methyl-2H-1,2-oxazin-2-yl)- (9CI) (CA INDEX NAME)

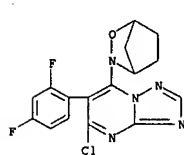


RN 619336-51-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(tetrahydro-3-methyl-2H-1,2-oxazin-2-yl)- (9CI) (CA INDEX NAME)

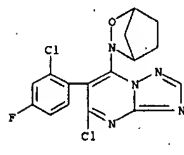
L4 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



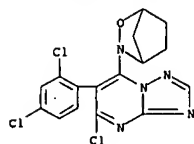
RN 619336-53-7 CAPLUS
CN 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2,4-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (9CI) (CA INDEX NAME)



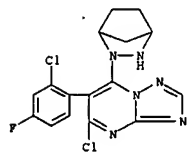
RN 619336-54-8 CAPLUS
CN 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2-chloro-4-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (9CI) (CA INDEX NAME)



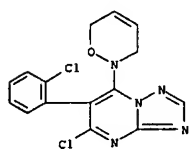
RN 619336-55-9 CAPLUS
CN 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2,4-dichlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (9CI) (CA INDEX NAME)



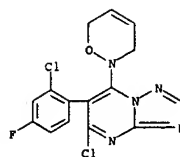
RN 619336-58-2 CAPLUS
CN 2,3-Diazabicyclo[2.2.1]heptane, 2-[5-chloro-6-(2-chloro-4-fluorophenyl)][1,2,4]triazolo[1,5-a]pyrimidin-7-yl)- (9CI) (CA INDEX NAME)



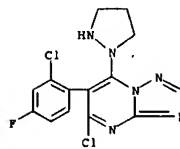
RN 619336-60-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3,6-dihydro-2H-1,2-oxazin-2-yl)- (9CI) (CA INDEX NAME)



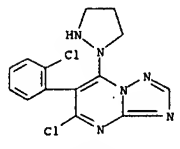
RN 619336-61-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(3,6-dihydro-2H-1,2-oxazin-2-yl)- (9CI) (CA INDEX NAME)



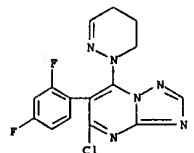
RN 619336-67-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(1-pyrazolidinyl)- (9CI) (CA INDEX NAME)



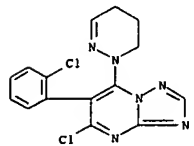
RN 619336-69-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(1-pyrazolidinyl)- (9CI) (CA INDEX NAME)



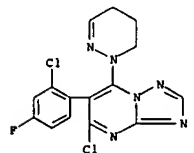
RN 619336-71-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-difluorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (9CI) (CA INDEX NAME)



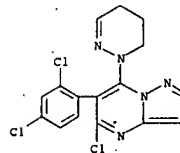
RN 619336-72-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (9CI) (CA INDEX NAME)



RN 619336-73-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (9CI) (CA INDEX NAME)



RN 619336-76-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichlorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN
 ACCESSION NUMBER: 2002:182068 CAPLUS
 DOCUMENT NUMBER: 137:364890
 TITLE: Use of triazolopyrimidine derivatives as microbicides for technical materials and wood preservatives
 INVENTOR(S): Bruns, Rainer; Kugler, Martin; Jaetsch, Thomas; Elbe, Hans-Ludwig; Kuhn, Dietmar; Gebauer, Olaf; Rieck, Heiko
 PATENT ASSIGNEE(S): Bayer Ag, Germany
 SOURCE: Ger. Offen., 10 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10124208	A1	20021121	DE 2001-10124208	20010518
CA 2447623	A1	20021128	CA 2002-2447623	20020506
WO 2002094020	A1	20021128	WO 2002-EP4965	20020506
WO 2002094020	A8	20050512		

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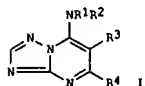
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AU 2002255002 A1 20021203 AU 2002-255002 20020506
 NZ 529567 A 20031219 NZ 2002-529567 20020506
 EE 200300538 A 20040216 EE 2003-538 20020506
 EP 1395117 A1 20040310 EP 2002-724307 20020506
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BR 2002009830 A 20040615 BR 2002-9830 20020506
 CN 1509143 A 20040630 CN 2002-810139 20020506
 JP 2004527576 T 20040909 JP 2002-590749 20020506
 AT 333793 T 20060815 AT 2002-724307 20020506
 US 2002198222 A1 20021226 US 2002-147224 20020516
 NO 2003005012 A 20031111 NO 2003-5012 20031111
 ZA 2003008893 A 20041123 ZA 2003-8893 20031114
 DE 2001-10124208 A 20010518
 WO 2002-EP4965 W 20020506

PRIORITY APPLN. INFO.:
 OTHER SOURCE(S): MARPAT 137:364890
 GI



AB The triazolopyrimidine derivs. I [R1 = alkyl, alkenyl, alkynyl or

L4 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN
 ACCESSION NUMBER: 2002:31452 CAPLUS
 DOCUMENT NUMBER: 136:96032
 TITLE: Substituted triazolopyrimidines as anticancer agents
 INVENTOR(S): Schmitt, Mark R.; Kirsch, Donald R.; Harris, Jane E.; Beyer, Carl F.; Pees, Klaus-Juergen; Carter, Paul; Pfengle, Waldemar; Albert, Guido
 PATENT ASSIGNEE(S): American Home Products Corporation, USA
 SOURCE: PCT Int. Appl., 405 pp.
 CODEN: PIXX02
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002563	A2	20020110	WO 2001-US20672	20010628
WO 2002002563	A3	20030103		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2413802 A1 20020110 CA 2001-2413802 20010628
 BR 2001012038 A 20030401 BR 2001-12038 20010628
 EP 1307200 A2 20030507 EP 2001-952295 20010628

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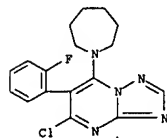
HU 200300798 A2 20030728 HU 2003-798 20010628
 JP 2004502691 T 20040129 JP 2002-507815 20010628
 NZ 523807 A 20040924 NZ 2001-523807 20010628
 CN 1592624 A 20050309 CN 2001-812055 20010628
 US 2002068744 A1 20020606 US 2001-895975 20010629
 BG 107277 A 20040130 BG 2002-107277 20021115
 MX 2002PA11913 A 20030422 MX 2002-PA11913 20021202
 NO 200206195 A 20030227 NO 2002-6195 20021223
 IN 2003KN00001 A 20050311 IN 2003-KN1 20030101
 ZA 200300793 A 20040720 ZA 2003-793 20030129
 IN 2007KN0659 A 20070706 IN 2007-KN659 20070222
 US 2000-215585P P 20000630
 WO 2001-US20672 W 20010628
 IN 2003-KN1 A3 20030101

PRIORITY APPLN. INFO.:
 OTHER SOURCE(S): MARPAT 136:96032

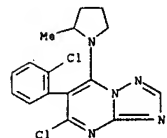
AB A method is provided for treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof which comprises administering to the mammal an effective amount of a substituted triazolopyrimidine derivative or a pharmaceutically acceptable salt thereof. Also provided is a method for treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof by interacting with tubulin and microtubules and promoting microtubule polymerization which comprises administering to the mammal an effective amount of a substituted triazolopyrimidine derivative or a pharmaceutically acceptable salt thereof.

IT 187233-77-8 388060-33-1 388060-68-2
 388060-89-7 388061-24-3

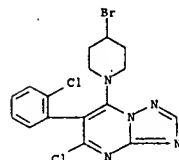
L4 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)
 cycloalkyl; R2 = H or alkyl; R1NR20 = (un)substituted heterocyclyl; R3 = (un)substituted alkyl; R4 = H or halo and their salts N-oxides or isomers, are used for the microbicidal protection of tech. materials and as wood preservatives.
 IT 187233-95-0
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (microbicide for tech. materials and wood preservative)
 RN 187233-95-0 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (9CI) (CA INDEX NAME)



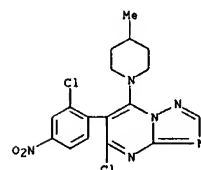
L4 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)
 RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (triazolopyrimidine derivs. as anticancer agents)
 RN 187233-77-8 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



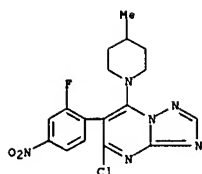
RN 388060-33-1 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4-bromo-1-piperidinyl)-5-chloro-6-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



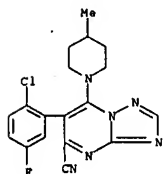
RN 388060-68-2 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



RN 388060-89-7 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

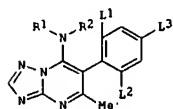


RN 388061-24-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-chloro-5-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:761522 CAPLUS
DOCUMENT NUMBER: 131:351347
TITLE: Preparation of fungicidal 5-alkyl-triazolopyrimidines
INVENTOR(S): Pfrangle, Waldemar
PATENT ASSIGNEE(S): American Cyanamid Company, USA
SOURCE: U.S., 9 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

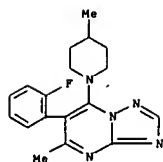
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5994360	A	19991130	US 1998-115496	19980714
PRIORITY APPLN. INFO.:		US 1997-52407P P 19970714		
OTHER SOURCE(S):		MARPAT 131:351347		



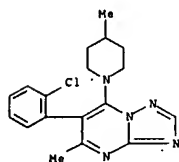
AB The title compds. I [R1R2 = piperidino, 4-methylpiperidino; L1-L3 = H, F, Cl (at least one of which being F or Cl) which show selective fungicidal activity, were prepared. Thus, reacting 6-(2-chloro-6-fluorophenyl)-5-chloro-7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidine with di-Et malonate in the presence of NaH in MeCN followed by treatment of the resulting di-Et [6-(2-chloro-6-fluorophenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidin-yl]malonate with concentrate HCl afforded I [R1R2 = (CH2)2CH(Me)(CH2)2; L1 = Cl; L2 = F; L3 = H] which showed ED50 > 90 at 0.2 mg/mL in test with *Alternaria solani*.

IT 220482-08-6P 220482-09-7P 250638-16-5P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of fungicidal 5-alkyl-triazolopyrimidines)

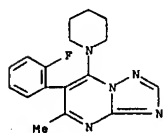
RN 220482-08-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-fluorophenyl)-5-methyl-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



RN 220482-09-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chlorophenyl)-5-methyl-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



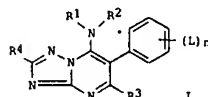
RN 250638-16-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-fluorophenyl)-5-methyl-7-(1-piperidinyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:106975 CAPLUS
DOCUMENT NUMBER: 130:168390
TITLE: Preparation of 5-alkyltriazolopyrimidines, and agrochemical bactericidal and fungicidal compositions containing them
INVENTOR(S): Pfrangle, Waldemar Franz Augustin
PATENT ASSIGNEE(S): American Cyanamid Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JIXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

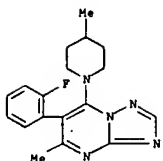
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11035501	A	19990209	JP 1998-208531	19980709
FR 2765875	A1	19990115	FR 1998-8423	19980701
FR 2765875	B1	19991119		
PRIORITY APPLN. INFO.:		US 1997-892495 A 19970714		
OTHER SOURCE(S):		MARPAT 130:168390		



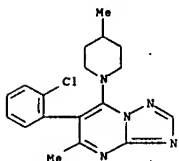
AB The title compds. I [R1 = (un)substituted alkyl, alkenyl, alkynyl, aryl, heteroaryl, etc.; R2 = H, (un)substituted alkyl, alkenyl, alkynyl, aryl, heteroaryl, etc.; R1R2 may form (un)substituted heterocyclyl; R3 = alkyl; R4 = H, alkyl, aryl; L = halo, (un)substituted alkyl, alkoxy; A = N, CR5; R5 = similar group as shown in R4; n = 0-5] are claimed. I [R1, R2, R4, A, L, n = same as above; R3 = Me] are prepared by treatment of 5-haloazopyrimidines I (R1, R2, R4, A, L, n = same as above; R3 = halo) with alkyl malonate in the presence of bases, then heating the resulting modified malonate esters with acids. I [R1R2 = 4-methylpiperidin-1-yl, R3 = CH(CO2Et)2, R4 = H, A = N, Ln = 2-Cl, 6-F] (0.5 g) was treated with concentrated HCl at 80° for 24 h to give 0.27 g I [R1R2, R4, A, Ln = same as above, R3 = Me], which showed strong antimicrobial activities.

IT 220482-08-6P 220482-09-7P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMP (Industrial manufacture); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of 5-alkyltriazolopyrimidines as agrochem. bactericides and fungicides)

RN 220482-08-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-fluorophenyl)-5-methyl-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

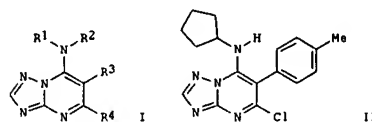


RN 220482-09-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chlorophenyl)-5-methyl-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)

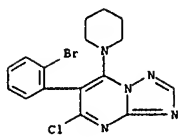


L4 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:127978 CAPLUS
DOCUMENT NUMBER: 126:171605
TITLE: Preparation of triazolopyrimidines as agrochemical fungicides
INVENTOR(S): Pees, Klaus Jurgens; Albert, Guido
PATENT ASSIGNEE(S): American Cyanamid Company, USA
SOURCE: U.S., 23 pp., Cont.-in-part of U.S. Ser. No. 276, 384, abandoned.
CODEN: 'USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

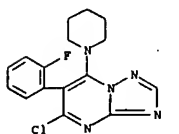
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5593996	A	19970114	US 1995-412401	19950328
PRIORITY APPLN. INFO.:				
OTHER SOURCE(S): MARPAT 126:171605				
GI				



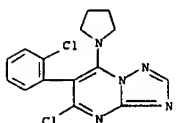
AB The title compds. [I; R1 = C1-12 alkyl, C2-6 alkenyl, C2-6 alkynyl, etc.; R2 = H, C1-4 alkyl; R1R2 = (un)substituted pyrrolidinyl, piperidinyl, dihydropyridyl; R3 = (un)substituted Ph, naphthyl; R4 = halo, (un)substituted NH2], useful as fungicides, were prepared. Thus, reaction of 5,7-dichloro-6-(4-methylphenyl)-1,2,4-triazolo[1,5-a]pyrimidine with cyclopentylamine in the presence of Et3N in THF afforded 87% II which showed MIC of 12.5 µg/mL and 1.56 µg/mL against Botrytis cinerea and Alternaria solani, resp.
IT 187233-29-0P 187233-34-7P 187233-41-6P
187233-42-7P 187233-43-8P 187233-44-9P
187233-45-0P 187233-46-1P 187233-51-8P
187233-52-9P 187233-77-8P 187233-95-0P
187234-39-5P 187234-43-1P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREF (Preparation); USES (Uses) (preparation of triazolopyrimidines as agrochem. fungicides)
RN 187233-29-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-bromophenyl)-5-chloro-7-(1-piperidinyl)- (9CI) (CA INDEX NAME)



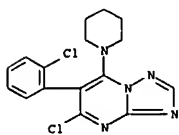
RN 187233-34-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(1-piperidinyl)- (9CI) (CA INDEX NAME)



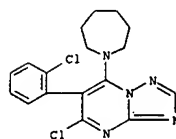
RN 187233-41-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



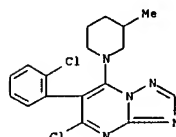
RN 187233-42-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(1-piperidinyl)- (9CI) (CA INDEX NAME)



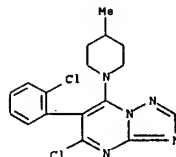
RN 187233-43-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (9CI) (CA INDEX NAME)



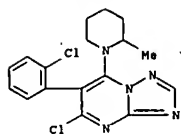
RN 187233-44-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



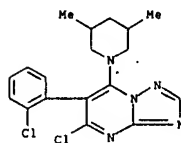
RN 187233-45-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(4-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



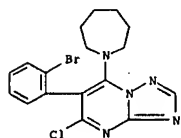
RN 187233-46-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



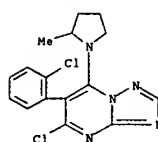
RN 187233-51-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3,5-dimethyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



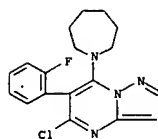
RN 187233-52-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-bromophenyl)-5-chloro-7-(hexahydro-1H-azepin-1-yl)- (9CI) (CA INDEX NAME)



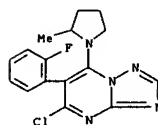
RN 187233-77-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



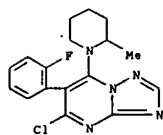
RN 187233-95-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (9CI) (CA INDEX NAME)



RN 187234-39-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(2-methyl-1-pyrrolidinyl)- (9CI) (CA INDEX NAME)



RN 187234-43-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(2-methyl-1-piperidinyl)- (9CI) (CA INDEX NAME)



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(FILE 'HOME' ENTERED AT 16:15:25 ON 01 AUG 2007)

FILE 'REGISTRY' ENTERED AT 16:15:33 ON 01 AUG 2007

L1 STRUCTURE UPLOADED

L2 11 S L1

L3 229 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 16:16:31 ON 01 AUG 2007

L4 18 S L3

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

104.73

277.49

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-14.04

-14.04

STN INTERNATIONAL LOGOFF AT 16:28:55 ON 01 AUG 2007